

SNOQUALMIE FALLS HYDROELECTRIC PROJECT

.5 miles north of Snoqualmie

Snoqualmie Vic.

King County

Washington

HAER No. WA-21

**HAER
WASH
17-SNOQ.V
1-**

BLACK AND WHITE PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

**Historic American Engineering Record
National Park Service
U.S. Department of the Interior
Washington, D.C. 20013-7127**

HISTORIC AMERICAN ENGINEERING RECORD

SNOQUALMIE FALLS HYDROELECTRIC PROJECT
HAER No. WA-21

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Location: The Snoqualmie Falls Hydroelectric Project is .5 miles north of Snoqualmie, King County, Washington. The UTM location is:

UTM: 10.587645.5265700
Quad: Snoqualmie
Scale: 1:24,000

Date of Construction: The hydro project, including the cavity plant, was completed in 1899; a second powerhouse was built downstream from the falls in 1910.

Engineers: Thomas T. Johnston and Charles H. Baker

Builder: Snoqualmie Falls Power Company

Present Owner: Puget Sound Power & Light Company.

Present Use: Electric power production.

Significance: The Snoqualmie Falls Hydroelectric Project was completed in 1898 and includes a cavity generating station, constructed some 250 feet below the surface of the river and about 300 feet from the edge of the falls. It is one of the few cavity plants in the United States and one of possibly two in the nation that contains its turbines, generators, and operators controls all within the cavity. Thomas T. Johnston, a consulting engineer from Chicago, executed the design and Charles Baker, president and chief engineer of the Snoqualmie Falls Power Company, oversaw the design and construction of the project. The Snoqualmie Falls cavity plant is a national civil engineering landmark. (For more on Charles Baker and the Snoqualmie Falls plant see historical report, White River Hydroelectric Project, HAER No. WA-64.)

Historian: Gray Fitzsimons, 1993

ADDENDUM TO:
SNOQUALMIE FALLS HYDROELECTRIC PROJECT
.5 mile north of Snoqualmie
Snoqualmie vicinity
King County
Washington

HAER WA-21
WASH, 17-SNOQ. V, 1-

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN ENGINEERING RECORD
PACIFIC WEST REGIONAL OFFICE
National Park Service
U.S. Department of the Interior
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Oakland, CA 94607